## BEST AVAILABLE COPY

## Cellular network with public network interface and local arer network expansion

Patent number:

CN1434610

**Publication date:** 

2003-08-06

Inventor:

MECINTOS C P (US); LU P M (US); CHINDELA R (US)

**Applicant:** 

**INTERWAVE COMM INC (US)** 

Classification:

- international:

H04L12/28; H04L12/56; H04L29/06; H04Q7/24; H04Q7/26; H04L12/28; H04L12/56; H04L29/06;

H04Q7/24; H04Q7/26; (IPC1-7): H04L12/46; H04L29/02;

H04Q7/22

- european:

H04L12/28W; H04L12/56B; H04L29/06C6B;

H04L29/06C6C2; H04Q7/24

Application number: CN20020121810 20020607

20020215; US20020126250 20020419

Priority number(s): US20020351764P 20020124; US20020357723P

Report a data error here

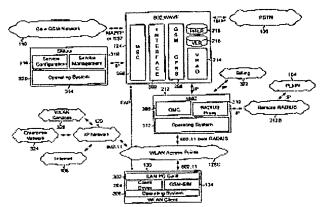
Also published as:

US2003139180 (A1)

Abstract not available for CN1434610

Abstract of corresponding document: US2003139180

A communication system (100) and method for coupling a wireless local area network (WLAN 128) to a public network (102) to enable communication between User Equipment terminals (UEs 130) associated with the WLAN and the public network. The public network (102) can include a GSM (110) and/or a 3G-network (114). The WLAN (128) can include a HiperLAN, HiperMAN, or 802.11 network. Preferably, the communication is voice communication, and the system (100) is configured to enable the UEs (130) to access supplementary services provided by the public network (102). Subscriber and security information for the UEs (102) can be provided to the public network (102) from a SIM (134) associated with each UE, or from an identity module (138) comprising either a private memory with information stored therein, or a card holder/reader holding cards with subscriber and security information for one or more UEs. Optionally, the system (100) further includes a private cellular network (122) the WLAN (128) also enables communication between the UEs (130) and the private cellular network.



Data supplied from the esp@cenet database - Worldwide